|          | Index of Claims                                                        |              |   |                 |              |              |           |                     |           | Application/control ito: |            |          |          |           |              |             |              |              |          | Reexamination |                 |         |          |            |          |          |           |     |               |          |          |          |                |   |
|----------|------------------------------------------------------------------------|--------------|---|-----------------|--------------|--------------|-----------|---------------------|-----------|--------------------------|------------|----------|----------|-----------|--------------|-------------|--------------|--------------|----------|---------------|-----------------|---------|----------|------------|----------|----------|-----------|-----|---------------|----------|----------|----------|----------------|---|
|          | Index of Claims   ✓ Rejected — (Through numera Cancelled + Restricted) |              |   |                 |              |              |           |                     |           |                          | 10/723,863 |          |          |           |              |             |              |              |          |               | CHALECKI ET AL. |         |          |            |          |          |           |     |               |          |          |          |                |   |
|          |                                                                        |              |   |                 |              |              |           |                     |           |                          |            |          |          |           | Ī            |             | am           |              |          |               |                 |         |          |            |          |          | rt I      |     |               |          |          |          |                |   |
|          |                                                                        |              |   |                 |              |              |           |                     |           |                          |            |          |          |           |              | G           | aut          | am           | Sa       | ain           |                 |         |          |            |          | 2        | 170       | 6   |               |          |          |          |                |   |
|          |                                                                        |              |   |                 |              | _            |           |                     |           | _                        |            |          |          |           |              |             |              | _            |          |               |                 |         |          | 1          | _        |          |           |     |               |          |          |          | -              |   |
|          |                                                                        | <b> </b>     | R | ejec            | tec          | t            |           |                     | _         |                          | (Thr       | oug      | jh n     | um        | era          | al)         |              |              | N        | Noi           | ı-E             | lec     | ted      |            | A        |          | A         | /pr | oea           | al       |          |          |                |   |
|          |                                                                        | _            |   |                 |              | $\dashv$     |           |                     | _         |                          |            | Cai      | ncei     | led       | _            |             | 4            | ľ            | <b>\</b> |               |                 |         |          |            | <u> </u> |          |           |     |               |          |          | -        |                |   |
|          |                                                                        | =            | Α | llov            | ved          | 1            |           |                     | ÷         |                          |            | Res      | stric    | ted       | 1            |             |              | l            | ı        | Inte          | erfe            | rer     | nce      |            | 0        |          | O         | bje | ecte          | ed       |          |          |                |   |
|          |                                                                        | L            |   | -               | _            |              |           | _ l                 |           |                          |            |          | -        |           |              |             |              | _ <u>L</u>   |          |               |                 |         |          |            |          |          |           |     |               | _        | _        | J        |                |   |
| Clá      | aim<br>T                                                               |              |   |                 | D            | ate          |           | _                   | _         | $\exists$                |            | Clai     |          | _         |              | _           | Da           | ate          | _        | T             | T               | ]       | CI       | aim        |          |          |           | [   | Date          | e        | 1        | 1        | $\blacksquare$ |   |
| Final    | Original                                                               | 8-17-6       |   |                 |              | ١            |           |                     |           |                          | -          | Final    | Original |           |              |             |              |              |          |               |                 |         | Final    | Original   |          |          |           |     |               |          |          |          |                |   |
| iĒ       | Orig                                                                   | 2-17         |   |                 |              |              |           |                     |           |                          | i          | ፰╽       | origi    | -         |              | -           |              |              |          |               |                 |         | ᄩ        | Orig       |          |          |           |     |               |          |          |          |                |   |
| -        | 1                                                                      | \ <u>\</u>   |   | H               | +            | +            | $\dashv$  | $\dashv$            | _         | $\dashv$                 | -          |          | 51       | $\dashv$  | $\dashv$     | $\dashv$    | +            | +            | +        | +             | ╁               | ł       |          | 101        | $\vdash$ |          |           |     | $\vdash$      | -        | $\vdash$ | $\vdash$ | Н              |   |
|          | 2                                                                      | $\parallel$  |   |                 | $\downarrow$ | #            | $\Box$    | $\Box$              |           | コ                        |            |          | 52       | $\Box$    | $\perp$      | 1           | 1            | 1            | 1        |               |                 | 1       |          | 102        |          |          |           |     |               |          |          |          |                |   |
| $\vdash$ | 3                                                                      | ₩            |   | $\vdash$        | ┽            | ╁            | $\dashv$  | $\dashv$            | $\dashv$  | ᅱ                        | -          |          | 53<br>54 | $\dashv$  | $\dashv$     | +           | +            | ╁            | +        | +-            | ╁               | ┨       |          | 103<br>104 | ├        |          | $\exists$ |     | ┝             | $\vdash$ | $\vdash$ | ┝        | Н              |   |
|          | 5                                                                      | Ш            |   |                 |              | 1            |           |                     |           | ╛                        |            |          | 55       | ゴ         |              |             | ┪            | 1            |          |               |                 |         |          | 105        |          |          |           |     |               |          |          |          |                |   |
| -        | 7                                                                      | H            |   | $\vdash$        | +            | 4            | $\dashv$  | $\dashv$            | 4         | $\dashv$                 | $\vdash$   |          | 56<br>57 | $\dashv$  | -            | 4           | $\dashv$     | +            | +        | -             | $\vdash$        | ł       |          | 106<br>107 | <u> </u> |          | Н         | _   | _             | L        | -        | ├-       | Н              |   |
|          | 8                                                                      | H            |   | $\dashv$        | +            | $\dashv$     | $\dashv$  | $\dashv$            |           | ᅱ                        | H          |          | 58       | $\dashv$  | $\dashv$     | $\dashv$    | +            | +            | +        | ╁             | $\vdash$        | 1       |          | 108        | $\vdash$ |          |           | _   | _             | $\vdash$ | $\vdash$ | $\vdash$ | Н              |   |
|          | 9                                                                      | П            |   | $\Box$          | 7            | 7            |           | $\Box$              |           | $\Box$                   |            |          | 59       | 4         |              | $\Box$      |              |              | 1        | $\perp$       |                 | 1       |          | 109        |          |          |           |     |               |          |          |          |                |   |
|          | 10<br>11                                                               | Н            |   | +               | +            | +            | $\dashv$  | -                   | $\dashv$  |                          | $\vdash$   |          | 60<br>61 | $\dashv$  | +            | ᆉ           | +            | ╁            | +        | +-            | ╁               | ł       |          | 110<br>111 | ┢        |          | Н         |     | -             | ┝        | H        | +        | Н              |   |
|          | 12                                                                     | П            |   |                 | 1            | 1            | ₫         |                     |           | ゴ                        |            |          | 62       |           | I            | I           |              | 1            |          |               |                 | 1       |          | 112        |          |          |           |     |               |          |          |          |                |   |
| -        | 13<br>14                                                               | H            |   | +               | +            | +            | $\dashv$  | -                   | $\dashv$  | ᅱ                        | $\vdash$   |          | 63<br>64 | +         | +            | 4           | +            | -            | +        | +-            | ╀-              | 1       |          | 113<br>114 | H        |          | Н         | _   |               | -        | _        | -        | Н              |   |
|          | 15                                                                     | Ш            |   |                 | $\pm$        | 1            |           |                     |           |                          |            |          | 65       | $\exists$ | $\exists$    |             |              | $\pm$        | +        |               | +               | 1       |          | 115        | H        |          |           | -   |               | $\vdash$ |          |          | Н              |   |
| -        | 16                                                                     | $\coprod$    |   | 4               | $\perp$      | $\perp$      |           |                     |           | 4                        |            |          | 66       | _         | 4            | 4           | 4            | _            | _        | 4_            | _               |         |          | 116        | L        |          |           |     | _             | _        | _        | _        |                |   |
| -        | 17<br>18                                                               | ₩            |   | $\dashv$        | +            | +            | $\dashv$  | -                   | -         | ᅱ                        | $\vdash$   |          | 67<br>68 | $\dashv$  | $\dashv$     | +           | +            | +            | +        | ╁             | $\vdash$        | ł       |          | 117<br>118 | -        | -        |           |     | -             | $\vdash$ | -        | $\vdash$ | Н              |   |
|          | 19                                                                     |              |   |                 | 1            | $\exists$    |           |                     |           | 〓                        |            |          | 69       | _         | 1            |             |              | 1            |          |               |                 | 1       |          | 119        |          |          |           |     |               |          |          |          |                |   |
|          | 20<br>21                                                               | ╫            |   |                 | ╁            | +            | $\dashv$  | -                   | $\dashv$  | $\dashv$                 | $\vdash$   | $\dashv$ | 70<br>71 | $\dashv$  | +            | $\dashv$    | ╁            | +            | +        | ╁             | ╀               | $\cdot$ |          | 120<br>121 | <u> </u> | $\dashv$ | Н         |     | $\vdash$      | $\vdash$ | ├        | ┝        | Н              |   |
|          | 22                                                                     | $\perp$      |   |                 | $\perp$      |              |           |                     |           | $\exists$                |            |          | 72       | 1         | $\Box$       | 1           | 工            | 1            | #        |               |                 | 1       |          | 122        |          |          |           |     |               |          |          |          |                |   |
| -        | 23<br>24                                                               |              |   | -               | -            | +            | -         | _                   | -         | $\dashv$                 | ⊢          |          | 73<br>74 |           |              | 4           | -            |              | +        | ╂             | ┼               | -       |          | 123<br>124 | H        |          | $\exists$ |     | ┝             | L        | ┝        | H        | Н              |   |
|          | 25                                                                     | Ш            |   |                 | $\pm$        |              |           |                     |           |                          |            |          | 75       | $\exists$ | $\exists$    | 1           | $\top$       | +            | +        | +             | T               | 1       |          | 125        |          |          |           |     |               |          |          |          | H              |   |
|          | 26<br>27                                                               | H            |   | $\dashv$        | +            | $\perp$      | 4         | _                   | $\dashv$  |                          | F          | 4        | 76<br>77 | 4         | $\dashv$     | 1           | $\perp$      | 4            | 4        | 1             |                 | ]       |          | 126<br>127 | $\Box$   |          |           |     | Г             | L        |          |          | П              |   |
| -        | 28                                                                     | Н            |   | $\dashv$        | +            | +            | +         | $\dashv$            | $\dashv$  | -                        | $\vdash$   | $\dashv$ | 77<br>78 | $\dashv$  | +            | ┪           | +            | +            | +        | ╁             | +               | 1       |          | 128        | _        |          |           | _   | $\vdash$      | ┢        | $\vdash$ | $\vdash$ | Н              |   |
|          | 29                                                                     | П            |   |                 | 7            | 7            | $\dashv$  |                     |           |                          |            |          | 79       | $\Box$    | $\Box$       | $\exists$   | $\Box$       | 1            | 1        | 1             |                 | ]       |          | 129        |          |          |           | _   |               |          |          |          |                |   |
|          | 30<br>31                                                               | $\mathbb{H}$ |   | $\vdash$        | +            | $\dashv$     | $\dashv$  | -                   | $\dashv$  | $\dashv$                 | $\vdash$   |          | 80<br>81 | $\dashv$  | $\dashv$     | +           | +            | +            | +        | ╁             | ╁               | ł       |          | 130<br>131 | -        | $\vdash$ | Н         | _   | -             | ├        | ╀        | ╁        | Н              |   |
|          | 32                                                                     | Ш            |   |                 | $\downarrow$ | $\downarrow$ |           |                     |           |                          |            |          | 82       | $\exists$ | $\downarrow$ | $\exists$   | $\downarrow$ | $\pm$        | $\perp$  |               | 二               | 1       |          | 132        |          |          |           |     |               | 匚        |          |          | Ħ              |   |
| -        | 33<br>34                                                               | H            |   | $\vdash$        | +            | +            | -         | -                   | -         | $\dashv$                 | -          |          | 83<br>84 | +         | +            | $\dashv$    | +            | +            | +        | +             | ┼-              | ł       | _        | 133<br>134 | -        | $\vdash$ | Н         |     | $\vdash$      | $\vdash$ | ╀        | $\vdash$ | Н              |   |
|          | 35                                                                     | $\parallel$  |   |                 | $\pm$        | 士            |           |                     |           |                          |            |          | 85       | $\exists$ | 士            | 士           | $\pm$        | 士            | 士        | $\pm$         |                 | 1       |          | 135        |          |          |           |     |               | L        | L        | L        | H              |   |
|          | 36                                                                     | $\prod$      |   | $\Box$          | $\mp$        | 7            | $\dashv$  | 耳                   | $\neg$    | 4                        | F          |          | 86       | $\dashv$  | 4            | I           | $\mp$        | $\bot$       | $\perp$  | Ŧ             | <u> </u>        | -       |          | 136        |          |          |           |     | $\Box$        |          |          |          | $\Box$         |   |
| -        | 37<br>38                                                               | H            | _ | +               | +            | +            | $\dashv$  | $\dashv$            | $\dashv$  | $\dashv$                 | -          |          | 87<br>88 | $\dashv$  | $\dashv$     | $\dashv$    | +            | +            | +        | +             | $\vdash$        | 1       | -        | 137<br>138 | $\vdash$ | $\vdash$ | $\vdash$  | -   | <del> -</del> | -        | +        | ╁        | Н              |   |
|          | 39                                                                     | Ш            |   |                 | $\downarrow$ | $\dashv$     | $\Box$    | $\rightrightarrows$ | $\Box$    |                          |            |          | 89       | $\Box$    | $\Box$       | $\sqsupset$ | $\downarrow$ | $\downarrow$ | $\bot$   | $\top$        |                 | 1       |          | 139        |          |          |           |     |               |          |          |          | $\square$      |   |
| -        | 40                                                                     | H            | - |                 | +            | +            | $\dashv$  | $\dashv$            | $\dashv$  | $\dashv$                 | $\vdash$   |          | 90<br>91 | $\dashv$  | +            | -           | +            | +            | +        | +             | $\vdash$        | 1       | <b>-</b> | 140<br>141 |          | _        | Н         |     | $\vdash$      | <u> </u> | -        | +        | Н              |   |
|          | 42                                                                     | Ш            |   |                 | 士            | $\perp$      |           |                     |           |                          |            |          | 92       |           |              |             | $\perp$      | $\pm$        |          |               |                 |         |          | 142        |          |          |           |     |               |          |          |          |                | 1 |
| -        | 43<br>44                                                               | X            |   | oxdot           | 4            | $\dashv$     | $\dashv$  | $\dashv$            | 4         | 4                        | F          |          | 93<br>94 | $\dashv$  | $\dashv$     | $\dashv$    | $\bot$       | Ŧ            | 1        | F             | F               | -       |          | 143<br>144 | $\Box$   |          | $\Box$    |     | F             | F        | F        | _        | П              |   |
|          | 45                                                                     | Ť            |   |                 | _            | _            | $\dashv$  | $\dashv$            | $\exists$ | $\dashv$                 | $\vdash$   |          | 95       | $\dashv$  | $\dashv$     | +           | +            | +            | +        | +             | +               | 1       |          | 144        | H        |          | $\vdash$  | -   | $\vdash$      | H        | +        | $\vdash$ | H              |   |
|          | 46                                                                     |              |   |                 | 1            | 1            | $\Box$    | $\Box$              |           | $\Box$                   |            |          | 96       | $\dashv$  | $\Box$       | $\exists$   | $\downarrow$ | 丰            | $\bot$   | $\top$        | L               | 1       |          | 146        |          |          |           |     | _             |          |          |          |                |   |
| -        | 47<br>48                                                               | $\vdash$     |   | $\vdash \vdash$ | +            | +            | $\dashv$  | $\dashv$            | -         | ᅱ                        | $\vdash$   |          | 97<br>98 | $\dashv$  | $\dashv$     | $\dashv$    | +            | +            | +        | +             | +               | -       | $\vdash$ | 147<br>148 | ├-       | Н        | Н         |     | $\vdash$      | -        | $\vdash$ | -        | $\vdash$       |   |
|          | 49                                                                     |              |   |                 | $\downarrow$ | 1            | $\exists$ | ⇉                   |           |                          |            |          | 99       |           |              | 士           | $\perp$      | 土            | 1        | 1             | L               | 1       |          | 149        |          |          |           |     |               |          |          |          |                |   |
|          | 50                                                                     |              |   | Ш.              | $\perp$      |              | $\perp$   |                     |           |                          |            |          | 100      |           | $\perp$      | $\Box$      | $\perp$      | $\perp$      |          |               |                 | ]       |          | 150        |          |          |           |     |               |          |          |          |                |   |

Application/Control No.

Applicant(s)/Patent under Reexamination